



1646
Box 502

HAND DELIVERY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: SHIAU *et al.*

Confirmation No.: 9894

Serial No. 09/830,693

Group Art Unit: 1646

Filed: March 30, 1999;
(§ 371 date: Jan. 29, 2002)

Examiner: Zeman, Mary

For: METHODS AND COMPOUNDS
FOR MODULATING NUCLEAR
RECEPTOR ACTIVITY

Attorney Docket No.: 9811-013-999

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §1.115, please consider and enter the following preliminary amendment and remarks. Applicants submit concurrently herewith: (a) a marked up version of each rewritten paragraph of the specification, attached hereto as Appendix A; (b) an Information Disclosure Statement; (c) PTO Form 1449 List of References Cited by Applicant; (d) copies of cited references; (e) Transmittal of Sequence Listing; and (f) Sequence listing in paper and computer-readable forms.

AMENDMENT

Amendments to the Specification

Marked up versions of all revised paragraphs, showing insertions and deletions, are included in Appendix A. Please amend the specification as follows:

Please replace the paragraph beginning at page 27, line 6, and ending at page 27, line 13, with the following:

One method that may be employed for this purpose is molecular replacement. In this method, the unknown crystal structure, may be determined using the structure coordinates of this invention as provided in Appendices 1 and 2. The Appendix 1 coordinates for the DES-ER α LBD-GRIP1 NR Box II peptide complex (represented as SEQ ID NOs: 27-30, inclusive) and for the Appendix 2 coordinates for the OHT-ER α LBD complex (represented as SEQ ID NO:

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31) have been deposited with the Brookhaven National Laboratory Protein Data Bank, and have been assigned Brookhaven Protein Data Bank Accession Numbers 2erd and 2ert, respectively. This method will provide an accurate structural form for the unknown crystal more quickly and efficiently than attempting to determine such information *ab initio*.

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